

Art Unit: ***

Clmpto

October 14, 2004

C.P.

CLAIMS 1-10 CANCELLED

11. (Currently Amended) ~~The assembly of claim 8,~~

An automotive lamp assembly comprising:

a main reflector generally having the form of a shell defining an enclosed volume, and having a reflective interior surface generally facing in a forward axial direction towards an opening, the main reflector having an optical depth being the maximal distance along the axis between transverse planes intercepting the reflective surface; and having a reflector radius being the maximal distance transverse to the axis from the axis to the reflective surface; wherein the ratio R of the optical radius to the optical depth is greater than 2;
one or more LEDs positioned within the enclosed volume and about the axis to generally face in the forward direction;
an intermediate reflector, located along the axis forward of the one or more LEDs, the intermediate reflector having a reflective surface, the reflective surface generally facing opposite the forward direction with normals ranging between 0 degrees to 90 degrees with respect to rearward axis, and
whercin the intermediate reflector is supported by two or more posts offset from the axis.

CLAIMS 12 &13 CANCELLED

14. (Currently Amended) ~~The assembly of claim 13,~~

An automotive lamp assembly comprising:

a main reflector generally having the form of a shell defining an enclosed volume, and having a reflective interior surface generally facing in a forward axial direction towards an opening, the main reflector having an optical depth being the maximal distance along the axis between transverse planes intercepting the reflective surface; and having a reflector radius being the maximal distance transverse to the axis from the axis to the reflective surface;
wherein the ratio R of the optical radius to the optical depth is greater than 2;
one or more LEDs positioned within the enclosed volume and about the axis to generally face in the forward direction;
an intermediate reflector, located along the axis forward of the one or more LEDs, the intermediate reflector having a reflective surface, the reflective surface generally facing opposite the forward direction with normals ranging between 0 degrees to 90 degrees with respect to rearward axis, and
wherein the intermediate reflector is supported by a coupling to the main reflector, and
wherein the coupling to the main reflector includes a light transmissive wall.

15. (Currently Amended) ~~The assembly of claim 8,~~

An automotive lamp assembly comprising:

a main reflector generally having the form of a shell defining an enclosed volume, and having a reflective interior surface generally facing in a forward axial direction towards an opening, the main reflector having an optical depth being the maximal distance along the axis between transverse planes intercepting the reflective surface; and having a reflector radius being the

maximal distance transverse to the axis from the axis to the reflective surface;
wherein the ratio R of the optical radius to the optical depth is greater than 2;
one or more LEDs positioned within the enclosed volume and about the axis to
generally face in the forward direction; and
an intermediate reflector, located along the axis forward of the one or more
LEDs, the intermediate reflector having a reflective surface, the reflective
surface generally facing opposite the forward direction with normals ranging
between 0 degrees to 90 degrees with respect to rearward axis, and
wherein the intermediate reflector is supported by a cylinder surrounding said
one or more LEDs.

CLAIMS 16-19 CANCELLED